

CLAIMS:

1. A multi-channel transmission and receiving system for the broadcast of pre-programmed information in varied languages, where each pre-programmed language is digitized and saved as a data file that is called by a main program in a computer when required, where the main program is programmed to respond to external or time events that determine which data files are to be used and output to a digital to analog converter and/or de-multiplexer, where each analog channel is sent to a transmitter tuned to a channel specific for the use of the analog signal, where transmitter outputs are combined via a tuned series of filters to an antenna, where the receiver is portable, and designed to receive the transmitted frequencies and comprises a channel select switch in the receiver determines which of the transmitter frequencies to receive, hereby determining which language to receive.

2. A multi-channel transmission system as described in item 1 whereby the computer is controlled by specific GPS or location data that guides the computer program to select the appropriate files for that specific geographic zone or site.

3. A multi-channel transmission system as described in item 1 whereby the data files are output to the computer port as serial data, whereby the serial data is re-programmed via means of digital signal processing and transmitted (as Time Division Multiple Access via a spread-spectrum frequency hopping transmitter) and where the receiver is capable of receiving the wireless signal and de-coding the appropriate channel via a selector switch.

delimiters

112
How or
if dig
1st, then
Analog?

112

112 2nd

112

selector switch

112
the 3rd
the 1st
the 2nd